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PATENT APPLICATION: US/10/533,037   TIME: 19:15:29

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 1 <110> APPLICANT: Chang, Chawnshang
 2        Yi-Fen Lee
 3        Wen-Jye Lin
 4 <120> TITLE OF INVENTION: Hydroxyflutamide Induced Pathways
 5        Related to Androgen Receptor Negative Prostate Cancer Cells
 6 <130> FILE REFERENCE: 21108.0017U2
 7 <140> CURRENT APPLICATION NUMBER: US/10/533,037
 8 <141> CURRENT FILING DATE: 2005-04-28
 9 <150> PRIOR APPLICATION NUMBER: PCT/US03/34636
10 <151> PRIOR FILING DATE: 2003-10-31
11 <150> PRIOR APPLICATION NUMBER: 60/423,340
12 <151> PRIOR FILING DATE: 2002-10-31
13 <160> NUMBER OF SEQ ID NOS: 28
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31        cagatgacct ggagcctata atggaactgg gacgaggtgc gtacggggtg gtggagaaga       480
32        tgcggcacgt gcccagcggg cagatcatgg cagtgaagcg gatccgagcc acagtaaata       540
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39        aaacaattga tgcaggttgc aaaccataca tggcccctga agaataaac ccagagctca       960
40        accagaaggg atacagtgtg aagtctgaca tttggagtct gggcatcacg atgattgagt      1020
41        tggccatcct tcgatttccc tatgattcat ggggaactcc atttcagcag ctcaaacagg      1080
42        tggtagagga gccatcgcca caactcccag cagacaagtt ctctgcagag tttgttgact      1140
43        ttacctcaca gtgcttaaag aagaattcca agaacggcc tacataccca gagctaatgc      1200
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47     accctgcctc tcagagggtt ttctctccca attttctttt tactcccct cttaagggg      1440
48     ccttggaatc tatagtatag aatgaactgt ctagatggat gaattatgat aaaggcttag    1500
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63                     20                  25                  30
64     Leu Asp Ser Lys Ala Cys Ile Ser Ile Gly Asn Gln Asn Phe Glu Val
65                 35                  40                  45
66     Lys Ala Asp Asp Leu Glu Pro Ile Met Glu Leu Gly Arg Gly Ala Tyr
67             50                  55                  60
68     Gly Val Val Glu Lys Met Arg His Val Pro Ser Gly Gln Ile Met Ala
69     65                  70                  75                  80
70     Val Lys Arg Ile Arg Ala Thr Val Asn Ser Gln Glu Gln Lys Arg Leu
71                     85                  90                  95
72     Leu Met Asp Leu Asp Ile Ser Met Arg Thr Val Asp Cys Pro Phe Thr
73                     100                 105                 110
74     Val Thr Phe Tyr Gly Ala Leu Phe Arg Glu Gly Asp Val Trp Ile Cys
75                 115                 120                 125
76     Met Glu Leu Met Asp Thr Ser Leu Asp Lys Phe Tyr Lys Gln Val Ile
77             130                 135                 140
78     Asp Lys Gly Gln Thr Ile Pro Glu Asp Ile Leu Gly Lys Ile Ala Val
79     145                 150                 155                 160
80     Ser Ile Val Lys Ala Leu Glu His Leu His Ser Lys Leu Ser Val Ile
81                     165                 170                 175
82     His Arg Asp Val Lys Pro Ser Asn Val Leu Ile Asn Ala Leu Gly Gln
83                     180                 185                 190
84     Val Lys Met Cys Asp Phe Gly Ile Ser Gly Tyr Leu Val Asp Ser Val
85             195                 200                 205
86     Ala Lys Thr Ile Asp Ala Gly Cys Lys Pro Tyr Met Ala Pro Glu Arg
87         210                 215                 220
88     Ile Asn Pro Glu Leu Asn Gln Lys Gly Tyr Ser Val Lys Ser Asp Ile
89     225                 230                 235                 240
90     Trp Ser Leu Gly Ile Thr Met Ile Glu Leu Ala Ile Leu Arg Phe Pro
91                     245                 250                 255
92     Tyr Asp Ser Trp Gly Thr Pro Phe Gln Gln Leu Lys Gln Val Val Glu
93                 260                 265                 270
94     Glu Pro Ser Pro Gln Leu Pro Ala Asp Lys Phe Ser Ala Glu Phe Val
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113       gctactgaca gcttctcagg caggttcgaa gatgtctatc agctgcagga ggatgtgctg     180
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127       cgagatgcca agcagaggct gagtgctgcc caagtcctgc agcatccctg ggtgcagggg    1020
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143       ctactgctcc caaccccact tcccaggggc agagctggaa ggggaccctg cacccagcta    1980
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175                  20                  25                  30
176      Glu Asp Val Tyr Gln Leu Gln Glu Asp Val Leu Gly Glu Gly Ala His
177                  35                  40                  45
178      Ala Arg Val Gln Thr Cys Val Asn Leu Ile Thr Asn Gln Glu Tyr Ala
179          50                  55                  60
180      Val Lys Ile Ile Glu Lys Gln Leu Gly His Ile Arg Ser Arg Val Phe
181      65                  70                  75                  80
182      Arg Glu Val Glu Met Leu Tyr Gln Cys Gln Gly His Arg Asn Val Leu
183                      85                  90                  95
184      Glu Leu Ile Glu Phe Phe Glu Glu Glu Asp Arg Phe Tyr Leu Val Phe
185                  100                 105                 110
186      Glu Lys Met Arg Gly Gly Ser Ile Leu Ser His Ile His Arg Arg Arg
187                  115                 120                 125
188      His Phe Asn Glu Leu Glu Ala Ser Val Val Val Gln Asp Val Ala Ser
189          130                 135                 140
190      Ala Leu Asp Phe Leu His Asn Lys Gly Ile Ala His Arg Asp Leu Lys
191      145                 150                 155                 160
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194      Ile Cys Asp Phe Asp Leu Gly Ser Gly Ile Lys Leu Asn Gly Asp Cys
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VERIFICATION SUMMARY
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